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Office of Technical Assistance and Technology

100 Cambridge Street, Suite 900 Boston, MA 02114 Phone: 617.626.1060 Fax: 617.626.1095



Current Event: Water Resource Management: Policies and Successful Strategies

Tuesday, April 18, 2006 8:00 a.m. - 4:00 p.m. Holiday Inn, Boxborough, MA



The Massachusetts Executive Office of Energy and Environmental Affairs' Office of Technical Assistance and Technology and <u>Water Policy Team</u>, the <u>Metropolitan Area Planning Council</u>, and the I-495 <u>Metrowest Corridor Partnership</u> held their first Water Resource Management conference on Tuesday, April 18, 2006 at the Holiday Inn in Boxborough, Massachusetts. Additional sponsors were <u>Associated Industries of Massachusetts (AIM)</u>, the <u>Environmental Business Council</u>, the <u>Massachusetts Municipal Association</u>, and the <u>Massachusetts Water Works Association</u>.

The Commonwealth of Massachusetts has experienced considerable growth, which has resulted in greater stress on the water resources in the state. This conference provided the tools and strategies for industries & municipalities to conserve water.

Session topics included:

- Technologies for industries to achieve greater water efficiency
- Best Management Practices for industries
- Water reuse for commercial, retail, office, residential & recreational purposes
- Innovative approaches to finding "new" water water conservation, water offsets, etc.
- Addressing peak demand
- The regulatory environment
- Stormwater recharge

If you have questions about the event or would like additional information please contact OTA at 617-626-1060.



Conference Agenda and Presentations Conference Agenda

Presentations: Plenary Session

Massachusetts Water Policy and Water Conservation Standards Kathy Baskin, EOEEA

Water Resources in Massachusetts
Peter Weiskel, United States Geological Survey



Water and Growth

Martin Pillsbury, Metropolitan Area Planning Council

OTA and Industrial Water Conservation

Denise Zambrowski, OTA

Municipal and Industry - Success Stories

Bob Zimmerman, Charles River Watershed Association Ed Helmig, Principal Project Engineer, Wyeth BioPharma

Breakout Session I

1A. Technologies for Greater Water Efficiency

Moderator: Rich Bizzozzero, OTA

Presentations:

"Water Efficient Cooling Towers with VRTX Non-Chemical Water Treatment"

David Koontz, VRTX Technologies LLC

"Process Water Conservation"

Mike Tomaselli, Filters, Water & Instrumentation Inc

1B. Water Reuse for Commercial, Retail, Office, Residential and Recreational Purposes *Moderator:* Martin Pillsbury, MAPC

Presentations:

"The Massachusetts Reclaimed Water Program - Experience and New Initiatives"

Alan Slater, MassDEP

"Once is not Enough: A Guide to Water Reuse in Massachusetts"

Sam Cleaves, Metropolitan Area Planning Council

1C. Innovative Approaches to finding "New" Water

Moderator: Vandana Rao, EOEEA

Presentations:

"The Wilbur School Redevelopment Project, Sharon, MA: Incorporating integrated water management techniques in an LID mixed-use development"

Scott Horsley and Katie Resnick, Horsley Witten Group

"The Greenscapes Program: Beautiful Landscapes That Protect Our Water"

Wendy Garpow and Samantha Woods, North and South River Watershed Association

"Water Offsets and the Integrated Water Resources Management Plan"

Madelyn Morris, MassDEP

"From Subterranean Saltwater Aquifer to Fresh Water- A "New" Approach For the Town of Hull, Massachusetts and the Ware River Basin"

Gary Smith and Jeff Musich, Wright-Pierce

2A. Best Management Practices for Industries

Moderator: Denise Zambrowski, OTA

Presentations:

"Water Audits for Industry"

Marsha Gorden, The Resource Technologies Group

"Best Management Practices for Reduction of Water Consumption in Massachusetts Industries" Cecile Gordon, OTA

"Development of Closed-Loop Water Reuse/System for a Large Wire Extrusion Facility" Timothy St. Germain, P.E., Fuss & O'Neil

"The Revised Multi Sector General Permit for NPDES and Best Management Practices for Stormwater Management for Industries"

Thelma Murphy, U.S. EPA

2B. Water Conservation: What exactly does this mean? How can it be implemented?

Moderator: Anne Monnelly, Department of Conservation and Recreation (DCR)

Presentations:

Massachusetts Water Conservation Standards Draft, 2006

Anne Monnelly, DCR

"Addressing Water Demands Associated with Recreational Facilities"

John Kissida, CDM

"The Water Management Act and Promoting Water Conservation"

Duane Levangie, MassDEP

2C. Innovative Stormwater Management

Moderator: Sara Cohen, DCR

Presentations:

"Silver Lake, Wilmington, MA: Low Impact Development Retrofit Project"

Steve Roy, Geosyntec Consultants, Inc.

"Creating LID-Friendly Communities through Regulation, Evaluation, and Collaboration"

Tim Reardon, MAPC

"Coming Changes to the Massachusetts Stormwater Policy"

Fred Civian, MassDEP